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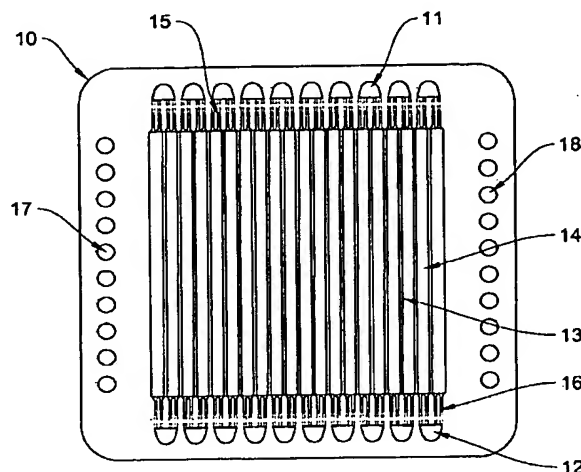
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(54) Title: **ELECTROPHORESIS MEMBRANE SUPPORT AND MANIFOLD UNIT**



(57) Abstract: An electrophoresis membrane support comprising a substantially planar member having four boundaries, an upper face and a lower face; an inlet port disposed near one boundary; an outlet port disposed opposite the inlet port near an opposite boundary; spacers positioned between the inlet port and outlet port adapted to support a membrane positioned on the upper face or on the lower face of the member; interstitial space disposed between the spacers capable of allowing flow of fluid therein; inlet means in fluid communication with the inlet port and the interstitial space; outlet in fluid communication with the interstitial space and the inlet port, the inlet and outlet means adapted to allow flow of fluid along the interstitial space; first flow port disposed near one boundary; and second flow port disposed opposite the first flow port near an opposite boundary, the first and second flow ports direct flow of fluid to or from the electrophoresis apparatus.

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